Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 13320-015001	Application No. 10/071,837
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Shah et al.	
		Filing Date February 8, 2002	Group Art Unit 1645

U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	4,806,631	02/21/89	Carrico, et al.			
	AB	4,818,681	04/04/89	Dattagupta			
	AC	4,826,789	05/02/89	Jones, et al.			
	AD	4,826,790	05/02/89	Jones, et al.			
	AE	4,937,188	01/26/90	Glese, et al.			
	AF	4,957,858	09/18/90	Chu, et al.			
	AG	4,963,436	10/16/90	Jones, et al.			
	AH	5,008,220	04/16/91	Brown, et al.			
	AI	5,024,933	06/18/91	Yang, et al.			
	AJ	5,055,429	10/08/91	James, et al.			
	AK	5,190,864	03/02/93	Glese, et al.			
	AL	5,215,882	06/01/93	Bahl, et al.			
	AM	5,472,842	12/05/95	Stokke, et al.			
	AN	5,554,744	09/10/96	Bhongle, et al.			
	AO	5,514,785	05/07/96	Van Ness, et al.			
	AP	5,601,982	02/11/97	Sargent, et al.			
	AQ	5,610,287	03/11/97	Nikiforov, et al.			
	AR	5,630,932	05/20/97	Lindsay, et al.			
	AS	5,637,687	06/10/97	Wiggins			
	AT	5,641,630	06/24/97	Shitman, et al.			
	AU	5,665,549	09/09/97	Pinkel, et al.			
	AV	5,800,992	9/1/98	Fodor et al.			
	AW	5,830,645	11/3/98	Pinkel, et al.			
	AX	5,925,525	7/20/99	Fodor et al.			
	AY	5,965,362	10/12/99	Pinkel, et al.			
	AZ	5,976,790	11/02/99	Pinkel, et al.			
	AAA	6,040,138	3/21/00	Lockhart et al.			

Examiner Signature	Date Considered
	4/8/04

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 13320-015001	Application No. 10/071,837
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Shah et al.	
		Filing Date February 8, 2002	Group Art Unit 1645

U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	ABB	6,054,270	4/25/00	Southern			
	ACC	6,077,673	06/20/00	Chenchik, et al.			
	ADD	6,197,506	3/6/01	Fodor et al.			
	AEE	6,251,601	6/26/01	Bao et al.			
	AFF	6,309,822	10/30/01	Fodor et al.			
	AGG	6,344,316	2/5/02	Lockhart et al.			
	AHH	6,403,320	6/11/02	Read et al.			
	AII	5,721,098	Feb 24, 1998	Pinkel et al.			

Examiner Signature	Date Considered 4/04

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 13320-015001	Application No. 10/071,837
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Shah et al.	
		Filing Date February 8, 2002	Group Art Unit 1645

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes	Translation No
✓	AJJ	99/09218	02/25/99	WO	X	X		
✓	AKK	99/13319	03/18/99	WO				

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
✓	ALL	Kern, et al., "Direct Hybridization of Large-Insert Genomic Clones on HIgh-Density Gridded cDNA Filter Arrays", BioTechniques 23:120-124, July 1997
	AMM	Rice, et al., "Comparative Genomic Hybridization in Pediatric Acute Lymphoblastic Leukemia", Pediatric Hematology and Oncology, 17:141-147, 2000
	ANN	Kim, et al., "Putative Chromosomal Deletions on 9P, 9Q and 22Q Occur Preferentially in Malignant Gastrointestinal Stromal Tumors", Int. J. Cancer; 85, 633-638; 2000
	AOO	Houldsworth, et al., "Comparative Genomic Hybridization: An Overview", American Journal of Pathology, Vol. 145, No. 6, December 1994
	APP	Wa'el Fi-Rital, et al., "High-Resolution Deletion Mapping of Chromosome 14 in Stromal Tumors of the Gastrointestinal 14 in Stromal Tumors of the Gastrointestinal Tract Suggests Two Distinct Tumor Suppressor Loci", Genes, Chromosomes & Cancer 27:387-391; 2000
	AQQ	David J. Stewart, "Making and Using DNA Microarrays: A Short Course at Cold Spring Harbor Laboratory", Genome Research, www.genome.org
	ARR	Suzuki, et al., "Construction and evaluation of a porcine bacterial artificial chromosome library", Anim Genet; 31(1): 8-12; FEB 2000 (Abstract)
	ASS	Bertucci, et al., "Sensitivity issues in DNA array-based expression measurements and performance of nylon microarrays for small samples", Hum Mol Genet; 8(9):1715-22; Sep 1999 (Abstract)
	ATT	Zhao, et al., "High-density cDMA filter analysis: a novel approach for large-scale, quantitative analysis of gene expression", Gene 156(2):207-13; Apr 24 1995 (Abstract)
	AUU	Kern, et al., "Direct hybridization of large-insert genomic clones on high-density gridded cDNA filter arrays", Biotechniques; 23(1):120-4; Jul 1997 (Abstract)
✓	AVV	DeRisi, et al., "Genomics and array technology", Current Opinion Oncology; 11(1):76-9; Jan 1999 (Abstract)
	~~AWW~~	~~DR Walt, "Techview: molecular biology. Bead-based fiber-optic arrays." Science 21:287(5452):451-2; Jan 2000~~
	~~AXX~~	~~Mark Schena, "Microarray Biochip Technology", Hardcover,~~ Eaton Pub Co.; ISBN: 1881299376; January 2000 (ONLY Web site from Amazon.COM)
✓	AYY	Yan, et al., "CpG Island Arrays: An Application toward Deciphering Epigenetic Signatures of Breast Cancer", Clinical Cancer Research; Vol. 6, No. 4, 1432-1438; April 2000
✓	AZZ	Huang, et al., "Methylation profiling of CpG islands in human breast cancer cells", Human Molecular Genetics, Vol. 8, No. 3m 459-470; 1999
✓	AAAA	J. P. Issa, "CpG-Island Methylation in Aging and Cancer", Curr. Top. Microbiol. Immunol. 249, pp. 101-118; 2000,
✓	ABBB	Pfeifer, et al., "Mutation Hotspots and DNA Methylation", Curr. Top. Microbiol. Immunol. 249, pp. 1-19; 2000

Examiner Signature	Date Considered
✓	4/04

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 13320-015001	Application No. 10/071,837
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Shah et al.	
		Filing Date February 8, 2002	Group Art Unit 1645

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	ACCC	Cross, et al., "CpG island libraries from human Chromosomes 18 and 22: landmarks for novel genes", Mammalian Genome, Vol. 11, No. 5, May 2000 Pages 373-383
	ADDD	Eads, et al., "MethyLight: a high-throughput assay to measure DNA methylation", Nucleic Acids Research, Vol. 28, No. 8 E32-00; 2000
	AEEE	Pogribny, et al., "A Sensitive New Method for Rapid Detection of Abnormal Methylation Patterns in Global DNA and within CpG Islands", Biochemical and Biophysical Research Communications 262, 624-628; 1999
	AFFF	Edward J. Oakeley, "DNA methylation analysis: a review of current methodologies", Pharmacology & Therapeutics, Vol. 84, No. 3, pp. 389-400; December 1999
	AGGG	Robertson, et al., "DNA methylation: past, present and future directions", Carcinogenesis, Vol. 21, No. 3, pp. 461-467; March 2000
	AHHH	Fan, et al., "Parallel Genotyping of Human SNPs Using Generic High-density Oligonucleotide Tag Arrays", Research, Vol. 10, No. 6, pp. 853-860; June 2000
	AIII	Sapolsky, et al., "High-throughput polymorphism screening and genotyping with high-density oligonucleotide arrays", Genetic Analysis Biomolecular Engineering, Vol. 14, Nos. 5-6, 187-192; Feb 1999
	AJJJ	Emerson, et al., "LXIII Cold Spring Harbor Symposium on Quantitative Biology: Mechanisms of Transcription, Biochimica et Biophysica Acta 1423 R45-R51; 1998
	AKKK	DeRisi, J., et al., "Use of a cDNA microarray to analyze gene expression patterns in human cancer," Nature Genetics, 14:457-460; 1996
	ALLL	Schena, et al., "Parallel human genome analysis: Microarray-based expression monitoring of 1000 genes", Proc. Natl. Acad. Sci. Vol. 93, pp. 10614-10619, October 1996
	AMMM	Schena, et al., "Quantitative Monitoring of Gene Expression Patterns with a Complementary DNA Microarray", Science, Vol. 270, pp. 467-470; 20 October 1995
	ANNN	Shalon, et al., "A DNA Microarray System for Analyzing Complex DNA Samples Using Two-color Fluorescent Probe Hybridization", Genome Research, 6:639-645; 1996
	AOOO	Maskos, et al., "Oligonucleotide hybridisations on glass supports: a novel linker for oligonucleotide synthesis and hybridisation properties of oligonucleotides synthesised *in situ*", Nucleic Acids Research, Vol. 20, No. 7; pp. 1679-1684; March 1992
	APPP	Hacia, et al., "Detection of heterozygous mutations in BGRCA1 using high density oligonucleotide arrays and two-colour fluorescence analysis", nature genetics, Vol. 14; pp. 441-447; December 1996
	AQQQ	Lockhart, et al., "Expression monitoring by hybridization to high-density oligonucleotide arrays", Nature Biotechnology, Vol. 14, pp. 1675-1680; December 1996
	ARRR	Guo, et al., "Direct fluorescence analysis of genetic polymorphisms by hybridization with oligonucleotide arrays on glass supports", Nucleic Acids Research, Vol. 22, No. 24, pp. 5456-5465; 1994
	ASSS	Ramsay, Graham, "DNA chips: State-of-the-Art", Nature Biotechnology, Vol. 16, pp. 40-44; January 1998
	ATTT	Marshall, et al., "DNA chips: An array of possibilities", Nature Biotechnology, Vo. 16, pp. 27-31; January 1998
	AUUU	Castellino, Alexander M., "When the Chips are Down", Genome Research, Vol. 7, pp. 943-946; 1997

Examiner Signature	Date Considered 4/8/04

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 13320-015001	Application No. 10/071,837
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Shah et al.	
		Filing Date February 8, 2002	Group Art Unit 1645

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
M	AVVV	Schena, Mark, "Genome analysis with gene expression microarrays", BioEssays, Vol. 18 No. 5; pp. 427-431; January 1996
	AWWW	Beattie, et al., "Hybridization of DNA Targets to Glass-Tethered Oligonucleotide Probes", Molecular Biotechnology, Vol. 4, pp. 213-225; 1995
M	AXXX	Anderson, et al., "Quantitative Fiber Hybridisation", Nucleic acid hybridisation, a practical approach, IRL Press, 1985, pp. 98-99

Examiner Signature	Date Considered
M	4/04

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 13320-015001	Application No. 10/071,837
Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant: Shishir Shah and Mansoor Mohammed	
(37 CFR 1.98(b))		Filing Date: February 8, 2002	Group Art Unit: Unknown

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
W	AA	5,807,522	Sept 15, 1998	Brown et al.			
W	AB	6,159,685	Dec 12, 2000	Pinkel et al.			
W	AC	6,210,878	April 3, 2001	Pinkel et al.			
	AD						
	AE						
	AF						
	AG						

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes	Translation No
	AH							
	AI							
	AJ							
	AK							
	AL							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AM	
	AN	
	AO	
	AP	

Examiner Signature	W	Date Considered	4/04

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.